

NOV 09 2005  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTATTY DOCKET NO.  
TSRI 645.2SERIAL NO.  
101404,400APPLICANT  
Barbas

101646919

FILING DATE  
1/28/2000GROUP  
1638

## U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
ccc	1	5,789,538	8/4/1998	Edward J. Rebar; Carl O. Pablo			
ccc	2	5,223,409	6/1993	Ladner, et al.			
ccc	3	5,096,815	3/1992	Ladner, et al.			

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E F I N I T I A L S		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES      NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

ccc	4	Miller, et al., "Repetitive Zinc-Binding Domains in the Protein Transcription Factor IIIA from Xenopus Oocytes", <u>EMBO J</u> 4: 1609-1614 (1985)
	5	Sadowski, et al., "GAL4-VP16 is an Unusually Potent Transcriptional Activator", <u>Nature</u> 335: 563-564 (1988)
	6	Lee, et al., "Three-Dimensional Solution Structure of a Single Zinc Finger DNA-Binding Domain", <u>Science</u> 245: 635-637 (1989)
	7	Pavletich, et al., "Zinc Finger-DNA Recognition: Crystal Structure of a Zif268-DNA Complex at 2.1 Å", <u>Science</u> 252: 809-817 (1991)
	8	Barbas, et al., "Assembly of Combinatorial Antibody Libraries on Phage Surfaces: The Gene III Site", <u>Proc. Natl. Acad. Sci. USA</u> 88: 7978-7982 (1991)
	9	Pavletich, et al., "Crystal Structure of a Five-Finger GLI-DNA Complex: New Perspectives on Zinc Fingers", <u>Science</u> 261: 1701-1707 (1993)
	10	Rebar, et al., "Zinc Finger Phage: Affinity Selection of Fingers with New DNA-Binding Specificities", <u>Science</u> 263: 671-673 (1994)
	11	Wu, et al., "Building Zinc Fingers by Selection: Toward a Therapeutic Application", <u>Proc. Natl. Acad. Sci. USA</u> 92: 344-348 (1995)
	12	Elirod-Erickson, et al., "Zif268 Protein-DNA Complex Refined at 1.6 Å: A Model System for Understanding Zinc Finger-DNA Interactions", <u>Structure</u> 4: 1171-1180 (1996)
	13	Kim, et al., "A 2.2 Å Resolution Crystal Structure of a Designed Zinc Finger Protein Bound to DNA", <u>Nature Structural Biology</u> 3: 940-945 (1996)
ccc	14	Greisman, et al., "A General Strategy for Selecting High-Affinity Zinc Finger Proteins for Diverse DNA Target Sites", <u>Science</u> 275: 657-661 (1997)

## EXAMINER

KCCarter

## DATE CONSIDERED

1-30-2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

ATTY DOCKET NO.  
TSRI 645.2

SERIAL NO.  
-004404,190\*

APPLICANT  
Barbas

10,646,691

FILING DATE  
1/28/2000

GROUP  
1653

U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

E...M. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES      NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>JCP</i>	15	Design of TATA Box-Binding Protein/Zinc Finger Fusions for Targeted Regulation of Gene Expression", <u>Proc. Natl. Acad. Sci. USA</u> 94: 3616-3620 (1997)
	16	Liu, et al., "Design of Polydactyl Zinc-Finger Proteins for Unique Addressing within Complex Genomes", <u>Proc. Natl. Acad. Sci. USA</u> 94: 5525-5530 (1997)
	17	Rader, et al., "Phage Display of Combinatorial Antibody Libraries", <u>Curr. Opin. Biotechnology</u> 8: 503-508 (1997)
	18	Kim, et al., "Transcriptional Repression by Zinc Finger Peptides", <u>J. Biol. Chem.</u> 272: 29795-29800 (1997)
	19	Elrod-Erickson, et al., "High-Resolution Structures of Variant Zif268-DNA Complexes: Implications for Understanding Zinc Finger-DNA Recognition", <u>Structure</u> 6: 451-464 (1998)
	20	Beerli, et al., "Toward Controlling Gene Expression at Will: Specific Regulation of the erbB-1/HER-2 Promoter by Using Polydactyl Zinc Finger Proteins Constructed from Modular Building Blocks", <u>Proc. Natl. Acad. Sci. USA</u> 95: 14628-14633 (1998)
<i>JCC</i>	21	Segal, et al., "Toward Controlling Gene Expression at Will: Selection and Design of Zinc Finger Domains Recognizing Each of the 5'-GTNN-3' DNA Target Sequences", <u>Proc. Natl. Acad. Sci. USA</u> 96: 2758-2763 (1999)
EXAMINER	<i>KCCarbon</i>	
	DATE CONSIDERED	
	1-30-2006	

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CSB-B-2003 09:43am

From The Scripps Research Institute OTD/OPC

T-187 P.010/018 F-633

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. TSRI 645.2	SERIAL NO. 09/494,190
	APPLICANT Barbas	10/646919
	FILING DATE 1/28/2000	GROUP -1643- 1653

U.S. PATENT DOCUMENTS

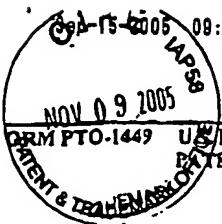
## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)**

EXAMINER

**DATE CONSIDERED**

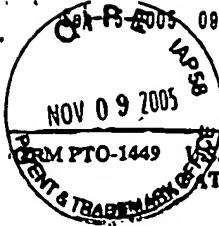
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09:44am From-The Scripps Research Institute OTD/OPC

T-197 P.013/018 F-633

XAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if or in conformance and not considered. Include copy of this form with next communication to Applicant.



08:44am From-The Scripps Research Institute QTD/QPC

T-187 P.016/018 F-633

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. TSRI 645.2	SERIAL NO. 09494199
		APPLICANT Barbas	10/646 919
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE 01/28/2000	GROUP 1653

## U.S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

CURRENT DOCUMENTS							
EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)**

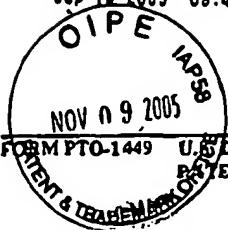
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**DATE CONSIDERED**

1-30 -2004

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<p>NOV U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p><i>PATENT &amp; TRADEMARK OFFICE</i></p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p>	<p>ATTY DOCKET NO. TSRI 645.2 C1</p> <p>APPLICANT Barbas</p>	<p>SERIAL NO. 10,646,919</p> <p>FILING DATE 08/21/2003</p> <p>GROUP 1653</p>
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**U.S. PATENT DOCUMENTS**

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES	NO
VCC	1	WO 95/19431	07/20/95	PCT				
VCC	2	WO 91/07509	05/30/91	PCT				
VCC	3	WO 00/23464	04/27/00	PCT				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)**

**EXAMINER**

KAMINER

**DATE CONSIDERED**

1-30-2006

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